

Figure 1A

10	30	50
GGGGGCTGCAGTCGGCGGGCTTCTCCCCGCTGGCGGCCGCGCTGGGCAGGTGCT		
70	90	110
GAGCGCCCTAGAGCCTCCCTGCCGCCTCCCTCTGCCCGGCCGAGCAGTCACAT		
130	150	170
GGGTGTTGGAGGTAGATGGCTCCCGGCCGGAGGCAGCGGTGGATGCCGCCTGGC		
190	210	230
AGAAGCAGCCGCCATTCCAGCTGCCCGCGCCCCGGCGCCCTGCGAGTCGGGT		
250	270	290
TCAGGCCATGGGACCTCTCGAGCAGCACGCCCTGCCCTGCAGCCATGCC		
M G T S P S S T A L A S C S R I A		
310	330	350
CGCCGAGCCACAGCCACGATGATGCCGGCTCCCTCTCCTGCTGGATTCTTAGCACC		
R R A T A T M I A G S L L L G F L S T		
370	390	410
ACCACAGCTCAGCCAGAACAGAACAGGCCTCGAATCTCATGGCACATACGCCATGTTGAC		
T T A Q P E Q K A S N L I G T Y R H V D		
430	450	470
CGTGCCACCGGCCAGGTGCTAACCTGTGACAAGTGTCCAGCAGGAACCTATGTCTTGAG		
R A T G Q V L T C D K C P A G T Y V S E		
490	510	530
CATTGTACCAACACAAGCCTGCGCTCTGCAGCAGTTGCCCTGTGGGACCTTACCAAGG		
H C T N T S L R V C S S C P V G T F T R		
550	570	590
CATGAGAATGGCATAGAGAAATGCCATGACTGTAGTCAGCCATGCCATGGCCAATGATT		
H E N G I E K C H D C S Q P C P W P M I		
610	630	650
GAGAAATTACCTTGTGCTGCCCTGACTGACCGAGAACATGCACTGCCACCTGGCATGTT		
E K L P C A A L T D R E C T C P P G M F		
670	690	710
CACTCTAACGCTACCTGTGCCCCCCATACGGTGTGCTGTGGTTGGGTGTGCGGAAG		
Q S N A T C A P H T V C P V G W G V R K		
730	750	770
AAAGGGACAGAGACTGAGGATGTGCCGTAAAGCAGTGTGCTGGGTACCTCTCAGAT		
K G T E T E D V R C K Q C A R G T F S D		
790	810	830
GTGCCTCTAGTGTGATGAAATGCAAAGCATAACACAGACTGTGAGTCAGAACCTGGTG		
V P S S V M K C K A Y T D C L S Q N L V		
850	870	890
GTGATCAAGCCGGGGACCAAGGAGACAGAACACGCTGTGGCACACTCCCGTCTCC		
V I K P G T K E T D N V C G T L P S F S		
910	930	950
AGCTCCACCTCACCTTCCCTGGCACAGCCATCTTCCACGCCCTGAGCACATGGAAACC		
S S T S P S P G T A I F P R P E H M E T		
970	990	1010
CATGAAGTCCCTCCTCCACTTATGTTCCAAAGGCATGAACACTAACAGAACATCTC		
H E V P S S T Y V P K G M N S T E S N S		

**Figure 1B**

1030 1050 1070  
TCTGCCTCTGTTAGACCAAAGGTAAGTAGCATCCAGGAAGGGACAGTCCCTGACAAC  
S A S V R P K V L S S I Q E G T V P D N  
1090 1110 1130  
ACAAGCTCAGCAAGGGGGAAAGGAAGACGCTGAACAAGACCCCTCCCAAACCTTCAGGTAGTC  
T S S A R G K E D V N K T L P N L Q V V  
1150 1170 1190  
AACCAACAGCAAGGCCCAACACAGACACATCCTGAAGCTGCTGCCGTCCATGGAGGCC  
N H Q Q G P H H R H I L K L L P S M E A  
1210 1230 1250  
ACTGGGGCGAGAAGTCCAGCACGCCATCAAGGGCCCAAGAGGGGACATCCTAGACAG  
T G G E K S S T P I K G P K R G H P R Q  
1270 1290 1310  
AACCTACACAAGCATTGACATCAATGAGCATTGCCCTGGATGATTGTGCTTTCTG  
N L H K H F D I N E H L P W M I V L F L  
1330 1350 1370  
CTGCTGGTGCCTGGTGATTGTGGTGCAGTATCCGGAAAAGCTCGAGGACTCTGAAA  
L L V L V V I V V C S I R K S S R T L K  
1390 1410 1430  
AAGGGGCCCGCAGGATCCCAGTGCCATTGTGGAAAAGGCAGGGCTGAAGAAATCCATG  
K G P R Q D P S A I V E K A G L K K S M  
1450 1470 1490  
ACTCCAACCCAGAACCGGGAGAAATGGATCTACTACTGCAATGGCATGGTATCGATATC  
T P T Q N R E K W I Y Y C N G H G I D I  
1510 1530 1550  
CTGAAGCTGTAGCAGCCCAAGTGGGAAGCCAGTGGAAAGATATCTATCAGTTCTTGC  
L K L V A A Q V G S Q W K D I Y Q F L C  
1570 1590 1610  
AATGCCAGTGAGAGGGAGGTTGCTGCTTCTCAATGGGTACACAGCCGACCACGAGCGG  
N A S E R E V A A F S N G Y T A D H E R  
1630 1650 1670  
GCCTACGCAGCTCTGCAGCACTGGACCATCCGGGGCCCCGAGGCCAGCCTGCCAGCTA  
A Y A A L Q H W T I R G P E A S L A Q L  
1690 1710 1730  
ATTAGGCCCTGCCAGCACCGGAGAAACGATGTTGTGGAGAAGATTCTGGCTGATG  
I S A L R Q H R R N D V V E K I R G L M  
1750 1770 1790  
GAAGACACCACCCAGCTGGAAACTGACAAACTAGCTCTCCGATGAGCCCCAGCCGCTT  
E D T T Q L E T D K L A L P M S P S P L  
1810 1830 1850  
AGCCCGAGCCCCATCCCCAGCCCCAACCGCAAACCTGAGAATTCCGCTCTGACGGTG  
S P S P I P S P N A K L E N S A L L T V  
1870 1890 1910  
GAGCCTCCCCACAGGACAAGAACAGGGCTTCTCGTGGATGAGTCGGAGCCCCCTCTC  
E P S P Q D K N K G F F V D E S E P L L  
1930 1950 1970  
CGCTGTGACTCTACATCCAGCGGCTCCTCCGCGCTGAGCAGGAACGGTTCCCTTATTACC  
R C D S T S S G S S A L S R N G S F I T

**Figure 1C**

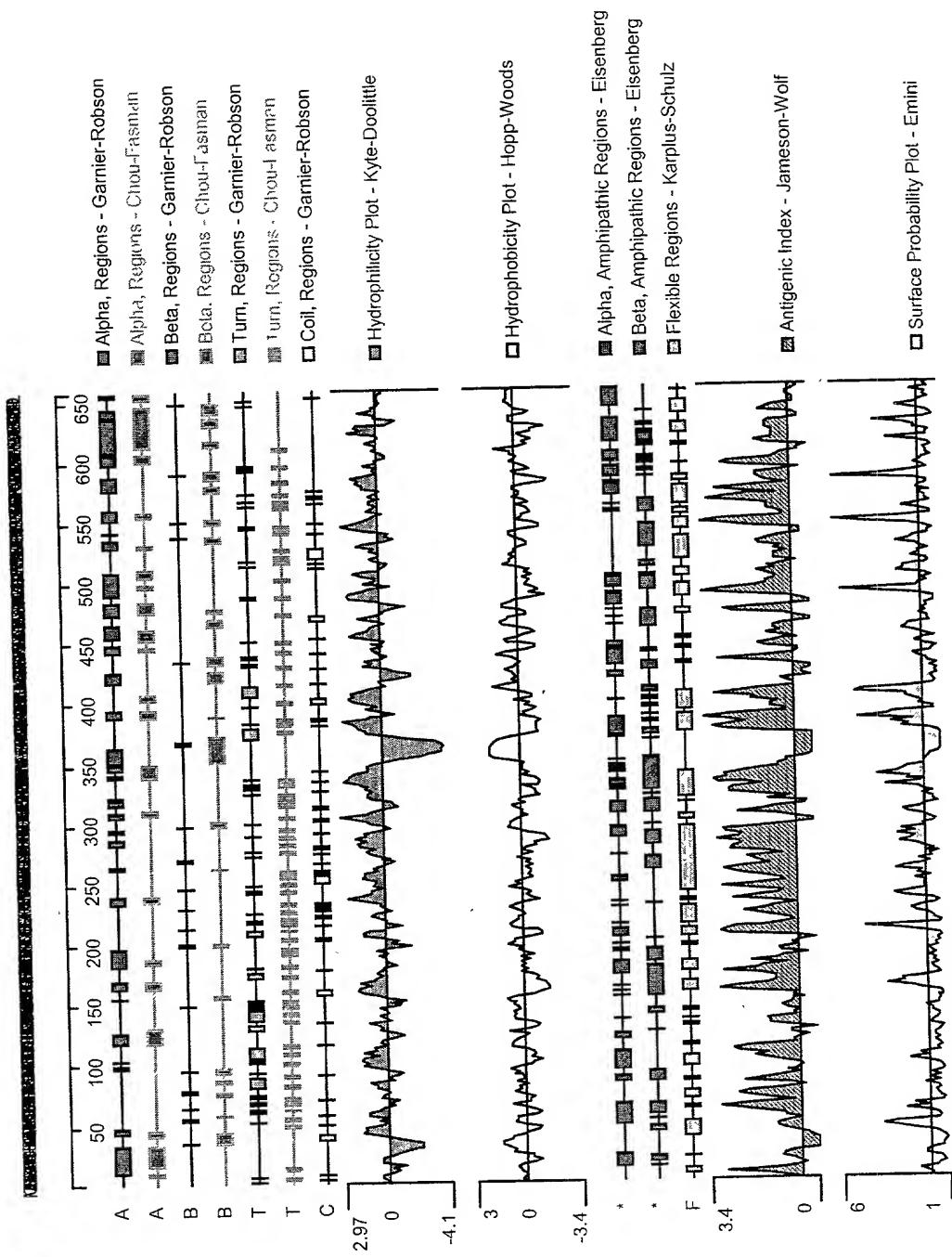
1990	2010	2030
AAAGAAAAGAAGGACACAGTGTGCGGCAGGTACGCCTGGACCCCTGTGACTTGCAGCCT		
K E K K D T V L R Q V R L D P C D L Q P		
2050	2070	2090
ATCTTGATGACATGCTCCACTTCTAAATCCTGAGGAGCTGCGGGTGATTGAAGAGATT		
I F D M L H F L N P E E L R V I E E I		
2110	2130	2150
CCCCAGGCTGAGGACAAACTAGACCGGCATTGAAATTATTGGAGTCAAGAGCCAGGAA		
P Q A E D K L D R L F E I I G V K S Q E		
2170	2190	2210
GCCAGCCAGACCCCTCTGGACTCTGTTATAGCCATCTCCTGACCTGCTGTAGAACATA		
A S Q T L L D S V Y S H L P D L L *		
2230	2250	2270
GGGATACTGCATTCTGGAAATTACTCAATTAGTGGCAGGGTGGTTTTAATTTCTTC		
2290	2310	2330
TGTTTCTGATTTGTTGGGGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGTGT		
2350	2370	2390
GTGTGTGTGTGTGTGTGTGTGTGTAAACAGAGAATATGCCAGTGCTGAGTTCTTCTCC		
2410	2430	2450
TTCTCTCTCTCTTTTTAAATAACTCTCTGGGAAGTTGGTTATAAGCCTTGCC		
2470	2490	2510
AGGTGTAACTGTTGTGAAATACCCACCACTAAAGTTTTAAGTTCCATATTTCTCCAT		
2530	2550	2570
TTTGCCTCTTATGTATTTCGAGATTATTCTGTGCACTTTAAATTACTTAACCTACCA		
2590	2610	2630
TAAATGCAGTGTGACTTTCCCACACACTGGATTGTGAGGCTTTAACTCTAAAAGTA		
2650	2670	2690
TAATGCATCTGTGAATCCTATAAGCAGTCTTATGTCTCTAACATTACACACTACTT		
2710	2730	2750
TTTAAAAACAAATATTACTATTTTATTATTGTGTTGTCCTTATAAATTCTTAAA		
2770	2790	2810
GATTAAGAAAATTAAAGACCCCATTGAGTTACTGTAATGCAATTCAACTTGTAGTTATCT		
2830	2850	2870
TTTAAATATGTCTTGATAGTCATATTCACTGGCTGAAACTTGACCACACTATTGCTGAT		
2890	2910	2930
TGTATGGTTTCACCTGGACACCGTGAGAATGCTGATTACTGTACTCTTCTTATGCT		
2950	2970	2990
AATATGCTCTGGCTGGAGAAATGAAATCCTCAAGCCATCAGGATTGCTATTTAAGTGG		
3010	3030	3050
CTTGACAACTGGGCCACCAAGAACCTGAACTTCACCTTTAGGATTTGAGCTGTTCTGG		
3070	3090	3110
AACACATTGCTGCACTTGGAAAGTCAAAATCAAGTGCCAGTGGCGCCCTTCCATAGAG		
3130	3150	3170
AATTTCAGCTTGTCTTAAAGATGCTTGTGTTTTATATACACATAATCAATAGGT		
3190	3210	3230
CCAATCTGCTCTCAAGGCCTGGTCTGGGGATTCCCTCACCAATTACTTTAATTAAA		
3250	3270	3290
AATGGCTGCAACTGTAAGAACCCCTGTCTGATATATTGCAACTATGCTCCCATTACAA		

**Figure 1D**

3310 3330 3350  
ATGTACCTCTAAATGCTCAGTTGCCAGGTTCCAATGCAAAGGTGGCGTGGACTCCCTTG  
3370 3390 3410  
TGTGGGTGGGGTTTGTGGTAGTGGTGAAGGACCGATATCAGAAAAATGCCTTCAAGTGT  
3430 3450 3470  
ACTAATTATTAATAAACATTAGGTGTTTGTTAAAAAAAAAAAAAAAAAAAAA

Figure 2

Figure 3



**Figure 4A**

1 MGTSPSSSTALASCSSIARRATAMIASLILGFLSTTAQPEQKASNLIGTYRHVDRATGQVLTCDKC 70  
**▲**

2 PAGTYVSEEHCTNTSLRVCSSCPVGTFRHENGIEKCHDCSQPCPWEPMIEKLPCAALTDIRECTCPGMFQS 140

3 NATCAPHTVCVGWGVRRKGCTETEDVRCKQCARGTFSDVSSVMKCKAYTDCLSQNLVVIKPGTKETDNV 210  
●

4 CGTLPSSSSTSPPGTATFPRPEHMETHEVPSSTYVPKGMMNSTESNSASVRPKVLSIQEGTVPDNTS 280  
● ● ●

5 SARGKEDVNKTLPNLIQVVNHQGPHHRHILKLLPSMEAATGGEKSSTPIKGPKRGHPRQNLHKHEDINEHL 350  
●

6 PMMIVLFLLLVIVVCSIRKSSRTLKKGPRQDPSAIVEKAGLKKSMTPTQNREKWIYYCNGHIGDILK 420  
=====

7 LVAAQVGSQWKDIYQFLCNASEREVAAFSNGYTAHDHERAYAALQHWTIRGPEASLAQLISALRQHRRNDV 490  
=====

8 **VEKIRGLMEDTTQLETDKLALPMSPLSPSPPIPSPNAKLENSALLTVEPSPQDKNKGFFVDESEPLLRC** 560

9 DSTSSGSSALSRNNGSFITKEKKDTVIRQVRLLDPCDLQPLIEDDMLHFLNPEELRVIEEIPQAEDKLDRLE 630

10 IIGVKSQEASQTLDSVYSHLPDII 655

Figure 4B

T C D K C P A G T Y V S E H C T N T S L R V C S S C P V G T F T R H E N G I E K TR9  
L C D K C P P G T Y L K Q H C T A K W K T V C A P C P D H Y T D S W H T S D E OPG  
C H D C S Q P C P W P M T E K L P C A A L T D R E C T C P P G M F Q S N A T C A TR9  
C L Y C S P V C K E L Q Y V K Q E L V C E C K E G R Y L E T E F C L OPG  
P H T V C P V G W G V R K K G T E T E D V R C K Q C A R G T F S D V P S S V M K TR9  
K H R S C P P G F V V Q A G T P E R N T V C K R C P D G F E S N E T S S K A P OPG  
C K A Y T D C L S Q N L V V T K P G T K E T D N V C G TR9  
C R K H T N C S V F G L L T Q K G N A T H D N I C S OPG

Figure 4C

Q	W	K	D	I	Y	Q	F	L	C	N	A	S	W	E	R	E	V	A	A	F	S	N	G	Y	T	A	D	-	H	E	TR9
Q	V	K	G	E	V	R	K	N	-	G	V	N	E	A	K	T	D	E	I	K	N	D	V	Q	D	T	A	E	CD95		
R	W	K	E	F	V	R	R	L	-	G	L	S	D	H	E	I	D	R	L	E	Q	N	G	R	C	L	R	E	TNFR1		
R	W	K	E	F	V	R	R	L	-	G	L	R	E	A	V	E	I	G	R	-	F	R	D	-	D	R	DR3				
S	W	D	Q	L	M	R	Q	L	-	D	L	T	K	N	E	I	D	V	V	R	A	G	T	A	G	P	-	G	D	DR4	
S	W	E	P	L	M	R	K	L	-	G	L	M	D	N	E	I	K	V	A	K	A	E	A	G	H	-	R	D	DR5		
R	A	Y	A	A	L	Q	H	W	T	I	R	-	G	P	E	A	S	L	A	Q	C	I	S	A	L	R	Q	H	R	TR9	
Q	K	V	Q	L	L	R	N	W	H	Q	L	H	G	K	E	A	Y	D	T	L	I	K	D	L	K	K	A	N	CD95		
A	Q	Y	S	M	M	A	T	W	R	R	R	T	R	R	E	A	T	L	E	L	G	R	V	L	R	D	M	D	TNFR1		
Q	Q	Y	E	M	M	L	K	R	W	R	Q	-	Q	Q	P	A	G	L	G	A	V	Y	A	A	L	E	R	M	G	DR3	
A	L	Y	A	M	M	L	M	K	W	V	N	K	T	G	R	N	S	I	H	T	L	L	D	A	L	E	R	M	E	DR4	
T	L	Y	T	M	L	I	K	W	V	N	K	T	G	R	D	A	S	V	H	T	L	L	D	A	L	E	T	L	G	DR5	
R	N	D	V	V	E	K	I	R	-	L	C	T	L	A	E	K	I	Q	-	L	G	C	L	E	D	I	K	TR9			
E	R	L	A	K	Q	K	I	E	-	L	D	G	C	V	E	D	L	R	-	D	R	M	C	V	E	D	L	R	CD95		
E	R	H	A	K	E	K	I	Q	-	E	R	H	A	K	E	K	I	Q	-	D	R	M	C	V	E	D	L	R	TNFR1		
E	R	L	A	K	Q	K	I	E	-	E	R	L	A	K	Q	K	I	E	-	D	R	M	C	V	E	D	L	R	DR3		
E	R	H	A	K	E	K	I	Q	-	E	R	H	A	K	E	K	I	Q	-	D	R	M	C	V	E	D	L	R	DR4		
E	R	L	A	K	Q	K	I	E	-	E	R	L	A	K	Q	K	I	Q	-	D	R	M	C	V	E	D	L	R	DR5		

Figure 5

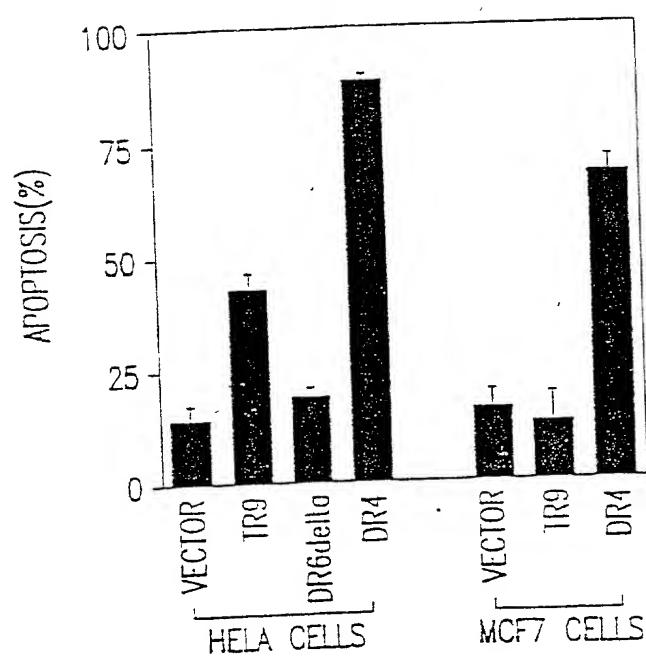


Figure 6

